

IN THE CLAIMS:

Claims 2, 3, 7, 8, 10, 11, 19, 20, 26, 27, 40, 41, 42, 46, and 47 are original.

Claims 4, 21, 22, 36, 27, 39, 43, 44, 48, and 49 have been previously amended.

Claims 6, 12, 13, 14, 15, 17, 18, 23, 24, 25, 28, 29, 30, 31, 32, 33, 34, 35, and 50 have been previously canceled.

Please amend claims 1, 5, 16, and 45.

Please cancel claims 9 and 38 without prejudice.

Claim 1. (Currently amended) A flat peelable coating composition, comprising consisting essentially of a blend of:

~~an aqueous polyurethane dispersion in an effective amount to 90 percent by weight of the total weight percent of the composition having a solids content of from about 60 to about 99 percent by weight of the total weight percent of the composition;~~

an effective amount of an aqueous polyurethane dispersion resin having an average molecular weight of between 50,000 to 5,000,000 containing in an effective amount having at least [35] 40 percent by weight solids contents;

~~at least one solvent selected from the group consisting of water, ethyl alcohol, methyl alcohol, isopropyl alcohol, and butyl alcohol, and combinations thereof in an amount ranging from about 5 to 30 percent by weight of the total weight percent of the composition;~~

a release agent in an amount of from between 0.1 and 10 percent of the total weight percent of the composition, said release agent being selected from the group consisting of ~~comprising~~ soy lecithin, organosilicone fluids, nonylphenoxypoly-(ethyleneoxy)ethanol, oleic acid polyethylene glycol monostearate, petrolatum, sodium alkyl benzene, sulfonates, siloxanes, polyglycols, silicone surfactants, polyvinyl alcohol resins, paraffin and polymeric waxes, and synthetic waxes including low molecular weight polyethylene waxes, ~~and combinations thereof;~~ and

~~wherein the internal cohesive force of said peelable coating is greater than the adhesive force of said peelable coating to a substrate coated therewith in a thickness of up to 100 mils.~~

Current
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wherein said aqueous polyurethane dispersion resin particles are dispersed in said solvent and applied to a single substrate in a single layer which upon curing provides a nonsoluble water resistant coating having a smooth surface.

Claim 2. (Original) The peelable coating of Claim 1 including a dye or pigment in an effective amount of from .01 to 10.0 percent by weight.

Claim 3. (Original) The peelable coating of Claim 1 including a thickening agent in an effective amount of from 0.01 to 5.0 percent by weight.

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Claim 4. ^{Currently} (Previously amended) The peelable coating of Claim 1 including an antifoam in an effective amount of from 0.01 to 1.0 percent by weight, selected from the group consisting of alkanolamides, silicone glycols, alkyl benzene sulfonates, alcohol ethoxylated, phosphate esters, oleates, betaines, alkylphenol ether sulfates, alkylaryl sulfonates, fatty acids, soy lecithin, anionic, cationic, amphoteric, or nonionic surfactants, and combinations thereof.

Claim 5. (Currently amended) A [foamy] peelable coating composition, consisting essentially of a blend of:

~~an aqueous polyurethane dispersion in an effective amount ranging from about 75.0 percent to about 98.0 percent by weight of the total weight percent of the composition having a solids content of from about 60 to about 99 percent by weight of the total weight percent of the composition;~~

an effective amount of an aqueous polyurethane dispersion resin having an average molecular weight of between 50,000 to 5,000,000 containing at least 40 percent by weight solids contents;

at least one release agent in an amount of from between 0.1 and 5.0 percent of the total weight percent of the composition, said release agent being selected from the group consisting of soy lecithin, organosilicone fluids, nonylphenoxypoly-(ethyleneoxy)ethanol, oleic acid polyethylene glycol monostearate, petrolatum, sodium alkyl benzene, sulfonates, siloxanes, polyglycols, silicone surfactants, polyvinyl alcohol resins, paraffin and polymeric waxes, and synthetic waxes including low molecular weight polyethylene waxes, and combinations thereof; and

wherein the internal cohesive force of said peelable coating is greater than the adhesive force of said peelable coating to a substrate coated therewith:

a surfactant in an effective amount of from 0.01 to 10.0 percent by weight, selected from the group consisting of alkanolamides, silicone glycols, alkyl benzene sulfonates, alcohol ethoxylated, phosphate esters, oleates, betaines, alkylphenol ether sulfates, alkylaryl sulfonates, fatty acids, soy lecithin, anionic, cationic, amphoteric, or nonionic surfactants, and combinations thereof;

wherein said aqueous polyurethane dispersion resin particles are dispersed and applied to a substrate in a single layer which upon curing provides a nonsoluble water resistant film having a smooth surface.

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Claim 6. (~~Previously~~ Canceled) The foamy coating of Claim 5 is contained in an aerosol can.

Claim 7. (Original) The peelable coating of Claim 5 including a dye or pigment in an effective amount of from 0.01 to 10.0 percent by weight.

Claim 8. (Original) The peelable coating of Claim 5 including a thickening agent in an effective amount of from 0.01 to 5.0 percent by weight.

Claim 9. (Canceled) The peelable coating of Claim 5 including a surfactant in an effective amount of from 0.01 to 10.0 percent by weight, selected from the group consisting of alkanolamides, silicone glycols, alkyl benzene sulfonates, alcohol ethoxylated, phosphate esters, oleates, betaines, alkylphenol ether sulfates, alkylaryl sulfonates, fatty acids, soy lecithin, anionic, cationic, amphoteric, or nonionic surfactants, and combinations thereof.

Claim 10. (Original) The peelable coating of Claim 5 including an anti-skinning agent in an effective amount of from 0.01 to 1.0 percent by weight.

Claim 11. (Original) The peelable coating of Claim 5 including a solvent in an effective

amount of from 0.01 to 5.0 percent by weight.

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Claim 12. (~~Previously Canceled~~) A peelable coating composition, comprising: a vinyl toluene acrylate resin in an effective amount ranging from about 10 percent to about 50 percent by weight of the total weight percent of the composition;
a solvent in an amount ranging from about 5 percent to 50 percent by weight of the total weight percent of the composition; and
a release agent in an amount of from between 0.1 and 10 percent of the total weight percent of the composition.

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Claim 13. (~~Previously Canceled~~) The peelable coating of Claim 12 including a dye or pigment in an effective amount of from 0.01 to 10.0 percent by weight.

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Claim 14. (~~Previously Canceled~~) The peelable coating of Claim 12 including a plasticizer in an effective amount of from 0.1 to 40.0 percent by weight.

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Claim 15. (~~Previously Canceled~~) The peelable coating of Claim 12 including a filler/thickener in an effective amount of from 0.1 to 10.0 percent by weight.

Claim 16. (Currently amended) A peelable coating composition, consisting essentially of a blend of:

~~an aqueous polyurethane dispersion in an effective amount ranging from about 75.0 percent to about 98.0 percent by weight of the total weight percent of the composition having a solids content of from about 60 to about 99 percent by weight of the total weight percent of the composition; a~~

an effective amount of an aqueous polyurethane dispersion resin having an average molecular weight of between 50,000 to 5,000,000 containing at least 40 percent by weight solids contents;

an effective amount of a release agent in an amount of from between 0.1 and 5 percent of the total weight percent of the composition, said release agent being selected from the group consisting of soy lecithin, organosilicone fluids, nonylphenoxypoly-(ethyleneoxy)ethanol, oleic acid

polyethylene glycol monostearate, petrolatum, sodium alkyl benzene, sulfonates, siloxanes, polyglycols, silicone surfactants, polyvinyl alcohol resins, paraffin and polymeric waxes, and synthetic waxes including low molecular weight polyethylene waxes, and combinations thereof;

including an effective amount of a plasticizer in an amount of up to 20 percent by weight selected from the group consisting essentially of a polyvinyl alcohol, a cellulose, a polyglycol, a phthalate, an adipate, a sebacate ester, a glyceryl tri(acetoxystearate), an epoxidized soybean oil, an epoxidized linseed oil, an n-butyl benzene sulfonamide, an aliphatic polyurethane, a polyester glutarate, a triethylene glycol, a caprate/caprylate, a long chain alkyl ether, a dialkyl diester, a glutarate, an epoxy plasticizer, a polyester based on adipic acid, a hydrogenated dimer acid, a distilled dimer acid, a polymerized fatty acid trimer, an ethyl ester of hydrolyzed collagen, an isostearic acid, a sorbian oleate, a cocoyl hydrolyzed keratin, a lanolin oil, a dialkyl adipate, an alkylaryl phosphate, an alkyl diaryl phosphate, a modified triaryl phosphate, a triaryl phosphate, a butyl benzyl phthalate, an octyl benzyl phthalate, an alkyl benzyl phthalate, a dibutoxy ethoxy ethyl adipate, a 2-ethylhexyldiphenyl phosphate, a dibutoxy ethoxy ethyl formyl, a diisopropyl adipate, a diisopropyl sebacate, an isodecyl oleate, a neopentyl glycol dicaprate, a neopentyl glycol diotanoate, an isohexyl neopentanoate, an ethoxylated lanolin, a polyoxyethylene cholesterol, a propoxylated (2 moles) lanolin alcohols, a propoxylated lanoline alcohol, an acetylated polyoxyethylene derivative of lanoline, a dimethylpolysiloxane, a glycerine, a polyethylene glycol, a dibutyl phthalate, a 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate, and a diisononyl phthalate in an amount of from 0.1 to 20 percent by weight of the total weight of the composition; and

~~wherein the internal cohesive force of said peelable coating is greater than the adhesive force of said peelable coating to a substrate coated therewith.~~

wherein said aqueous polyurethane dispersion resin particles are dispersed and applied to a substrate in a single layer which upon curing provides a nonsoluble water resistant coating having a smooth surface.

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Claim 17. (~~Previously~~-Canceled) The peelable composition of claim 16, wherein said aqueous polyurethane dispersion contains from 20 to 40 percent by weight solid latex particles and from 60 to 80 percent by weight water.

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Claim 18. (~~Previously~~ Canceled) The peelable composition of claim 16 wherein said aqueous polyurethane dispersion contains up to 30 percent by weight solid latex particles.

Claim 19. (Original) The peelable composition of claim 16, wherein said effective amount of a release agent is from 0.1 to 5.0 percent by weight.

Claim 20. (Original) The peelable composition of claim 16, wherein said release agent is soy lecithin.

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Claim 21. (^{Currently}~~Previously~~ amended) The peelable composition of claim 1, wherein said release agent is soy lecithin.

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Claim 22. (^{Currently}~~Previously~~ amended) The peelable composition of claim 1, wherein said an effective amount of a said release agent is up to 5.0 percent by weight.

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Claim 23. (~~Previously~~ Canceled) The peelable composition of claim 16 including an effective amount of a propellant.

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Claim 24. (~~Previously~~ Canceled) The peelable composition of claim 23 wherein an effective amount of said propellant up to 25 percent by weight.

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Claim 25. (~~Previously~~ Canceled) The peelable composition of claim 23 wherein an effective amount of said hydrocarbon propellant is from 5.0 to 20.0 percent by weight.

Claim 26. (Original) The peelable composition of claim 16 including an effective amount of a solvent selected from the group consisting of water, ethyl alcohol, methyl alcohol, isopropyl alcohol, butyl alcohol, and combinations thereof.

Claim 27. (Original) The peelable composition of claim 26 wherein said effective amount

of said solvent is up to 10 percent by weight in addition to said water of said aqueous polyurethane dispersion.

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Claim 28. (~~Previously~~ Canceled) A foamy peelable coating composition, consisting essentially of a blend of:

an aqueous polyurethane dispersion in an effective amount ranging from about 35.0 percent to about 98.0 percent by weight of the total weight percent of the composition;

a release agent in an amount of up to 10 percent by weight of the total weight percent of the composition;

and a propellant in an amount of from 5.0 to 20.0 percent of the total weight percent of the composition.

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Claim 29. (~~Previously~~ Canceled) The peelable composition of claim 28, wherein said peelable composition contains at least 40 percent by weight solid polyurethane latex resin particles and the remainder water.

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Claim 30. (~~Previously~~ Canceled) The peelable composition of claim 28, wherein said peelable composition contains a polyurethane dispersion in an amount of from between 60 to 99 percent by weight.

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Claim 31. (~~Previously~~ Canceled) The peelable composition of claim 28 wherein an effective amount of said propellant up to 25 percent by weight.

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Claim 32. (~~Previously~~ Canceled) The peelable composition of claim 28 wherein an effective amount of said propellant is from 5.0 to 20.0 percent by weight.

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Claim 33. (~~Previously~~ Canceled) The peelable composition of claim 28 wherein said propellant is selected from the group consisting of air and a hydrocarbon propellant.

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Claim 34. (~~Previously~~ Canceled) The peelable composition of claim 28 wherein said hydrocarbon propellant is selected from the group consisting of A-31, A-46, A-70, A-108, propane/isobutane blends.

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Claim 35. (~~Previously~~ Canceled) The peelable composition of claim 28 including an effective amount of a release agent of up to 10 percent by weight.

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Claim 36. (~~Previously~~ ^{Currently} amended) The peelable composition of claim 5, wherein said effective amount of a release agent is from 0.1 to 3.0 percent by weight.

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Claim 37. (~~Previously~~ ^{Currently} amended) The peelable composition of claim 1, wherein said release agent is soy lecithin.

Claim 38. (Cancel) The peelable composition of claim 16, wherein said release agent is selected from the group consisting of soy lecithin, organosilicone fluids, nonylphenoxypoly-(ethyleneoxy)ethanol, oleic acid polyethylene glycol monostearate, petrolatum, sodium alkyl benzene, sulfonates, siloxanes, polyglycols, silicone surfactants, polyvinyl alcohol resins, paraffin and polymeric waxes, and synthetic waxes including low molecular weight polyethylene waxes, and combinations thereof.

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Claim 39. (~~Previously~~ ^{Currently} amended) The peelable composition of claim 16, including an effective amount of a surfactant.

Claim 40. (Original) The peelable composition of claim 39, wherein said surfactant is selected from the group consisting of alkanolamides, silicone glycols, alkyl benzene sulfonates, alcohol ethoxylated, phosphate esters, betaines, alkylphenol ether sulfates, alkylaryl sulfonates, fatty acids, soy lecithin, and combinations thereof.

Claim 41. (Original) The peelable composition of claim 39 wherein said effective amount

of said surfactant is up to 10 percent by weight.

Claim 42. (Original) The peelable composition of claim 39, wherein said surfactant is a nonionic surfactant.

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Claim 43. (^{Currently}~~Previously~~ amended) The peelable composition of claim 16 including an effective amount of a solvent.

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Claim 44. (^{Currently}~~Previously~~ amended) The peelable composition of claim 43 wherein said effective amount of said solvent is up to 10 percent by weight in addition to the water contained in said aqueous polyurethane dispersion.

Claim 45. (Currently amended) The peelable composition of claim 16 further comprises a polyglycol.

Claim 46. (Original) The peelable composition of claim 45 wherein said effective amount of a polyglycol is from between 0.1 and 20.0 percent by weight.

Claim 47. (Original) The peelable composition of claim 45 wherein said polyglycol is polypropylene glycol.

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Claim 48. (^{Currently}~~Previously~~ amended) The peelable composition of claim 16 wherein said peelable coating is from 20 to 40 mils in thickness.

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Claim 49. (^{Currently}~~Previously~~ amended) The peelable composition of claim 16 wherein said peelable coating is of up to 80 mils in thickness.

Claim 50. (Cancel) The method of applying the peelable composition of claim 28 to a substrate forming a foam type peelable coating having a thickness ranging from 0.1 to 1.0 inches in thickness.